

ABSTRACT OF THE DISCLOSURE

It is disclosed a transparent conductive multi-layer structure which comprises a substrate overlaid, desirably interposed by a support, with a conductive layer containing fine conductive particles, preferably the fine particles of indium-tin oxide (ITO), said multi-layer structure having a surface resistance of  $10 - 10^3 \Omega/\square$  and a visible light transmittance of at least 70%. A process for producing this structure is also disclosed. The present invention can produce transparent conductive multi-layer structures by utilizing a coating method which retains the advantages of its easiness of forming large-area conductive films, simplification of apparatus, high productivity and low manufacturing cost, by firstly obtaining a transparent conductive film that has low enough surface resistance to give high conductivity while exhibiting satisfactory transparency, and then applying the transparent conductive film to a glass or resin panel, etc.